

**Postdoctoral Research Associate in Quantum Optics
Computational Sciences & Engineering
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL08-90-CSED

Project Description:

The successful applicant will participate in the development of novel sources of entangled photons for quantum cryptography, quantum computing, etc. The primary emphasis will be with experimental work, but some theoretical work will also be involved.

Qualifications:

This position requires a Ph.D. in Physics or other physical science. Applicants should have experience in optics, especially experimental. Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

How to Apply:

Qualified applicants must apply online at https://www2.ornl.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>. When applying for this position, please reference the position title and number.

This appointment is offered through the ORNL Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.